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01-04-00

PTO/SB/05 (4/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	9548-775	Total Pages	32
First Inventor or Application Identifier	Kishan Shenoi		
Title	DIGITAL SUBSCRIBER LOOP REPEATERS AND ASSOCIATED METHODS		
Express Mail Label No.	EL322095900US		

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2.  Specification [Total Pages 15]  
*(preferred arrangement set forth below)*  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed-Sponsored R&D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Detailed Description of the Drawings  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3.  Drawing(s) (37CFR 1.152) [Total Sheets 4]
4.  Oath or Declaration [Total Pages 3]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 17 completed)*  
i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5.  Microfiche Computer Program (*Appendix*)  
6.  Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*  
a.  Computer Readable Copy  
b.  Paper Copy (identical to computer copy)  
c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))  
8.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*  
9.  English Translation Document (*if applicable*)  
10.  Information Disclosure Statement (IDS) PTO-1449  Copies of IDS Citations  
11.  Preliminary Amendment  
12.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*  
13.  Small Entity Statement(s)  Statement filed in prior application, Status still proper and desired  
14.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*  
15. Other:

\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No. \_\_\_\_ / \_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	021971	<input type="checkbox"/> Correspondence address below			
(Insert Customer No. or Attach bar code label here)					
NAME	John J. Bruckner Wilson Sonsini Goodrich & Rosati				
ADDRESS	650 Page Mill Road				
CITY	Palo Alto	STATE	California	ZIP CODE	94304
COUNTRY	US	TELEPHONE	650-493-9300	FAX	650-493-6811

Name (Print/Type)	John J. Bruckner	Registration No. (Attorney/Agent)	35,816
Signature	J. J. Bruckner	Date	January 3, 2000

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# FEE TRANSMITTAL for FY 2000

*Patent fees are subject to annual revision.*

*Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.*

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\\$) 1072.00</b>
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<i>Complete if Known</i>	
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Kishan Shenoi
Examiner Name	Unknown
Group/Art Unit	Unknown
Attorney Docket Number	9548-775

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **23-2415 (Docket No. ) 9548-775**

Deposit Account Name **Wilson Sonsini Goodrich & Rosati**

- Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2.  **Payment Enclosed:**

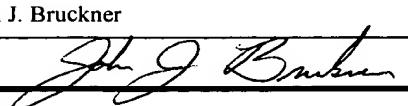
Check     Money Order     Other

**FEES CALCULATION (continued)**3. **ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)				25	Request for Corrected Filing Receipt
Other fee (specify)				55/110	Terminal Disclaimer

\* Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$ 40.00)**

**SUBMITTED BY***Complete (if applicable)*

Name (Print/Type)	John J. Bruckner	Registration No. (Attorney/Agent)	35,816	Telephone	650-493-9300
Signature				Date	January 3, 2000